

**IN THE DRAWINGS**

Applicant encloses Annotated Sheets of Figs. 8 and 9 illustrating amendments to these figures for clarification. Applicant also encloses Replacement Sheets for Figs. 8 and 9 reflecting the amendments. Applicant further encloses Replacement Sheets for Figs. 18-28. Please add the caption "Prior Art" to Figs. 18-28.

**REMARKS**

Applicant cancels claims 17 and 24. Claims 1-16, 18-23, and 25 remain pending in the application. Claims 6, 11, 18, and 25 have been withdrawn from consideration. Applicant amends the specification and Figs. 8-9 and 18-28 for clarification and to correct errors, and amends claims 1-2, 5, 7-8, 10, 13, and 20 for clarification. No new matter has been added.

Applicant acknowledges with appreciation the Examiner's allowance of claims 2-4, 8-9, 12-16, and 19-23. Applicant amends allowed claims 2, 8, 13, and 20 for minor clarifications. Applicants respectfully submit that the provided reasons for allowability include only the Examiner's interpretations, which should in no way limit the scope of the allowed claims.

The Examiner objected to the drawings for allegedly not showing the feature of an "identification information decoder ... holding likelihood calculated," as recited in claims 2, 8, 13, and 20. Applicant amends claims 2, 8, 13, and 20 to recite "a likelihood holding unit for holding likelihood calculated." Element 32 shown in Fig. 9 of the application illustrates an exemplary embodiment of this claimed feature. Accordingly, Applicant respectfully submits that the drawings show every feature of the claimed invention.

The Examiner objected to the drawings under 37 CFR 1.84(p)(4) for having separate designations "90a" and "91" for "Radio Receiver," and designations "80b" and "83" for "Radio Transmitter." Applicant amends Fig. 8 and its corresponding description in the specification to remove designations "90a" and "80b."

The Examiner objected to Figs. 18-28 in the drawings under MPEP § 608.02(g) for failing to designate that which is old as "Prior Art." Applicant amends Figs. 18-28, with

replacement sheets submitted, to add the designation, and respectfully request that the Examiner accept the drawings.

In view of the above, Applicant respectfully requests that the Examiner accept the drawings.

The Examiner objected to the specification for a number of apparent informalities. Applicant amends the specification in accordance with the Examiner's suggestions, and respectfully requests that the Examiner withdraw the objection.

Claims 1, 5, 7, 10, 17, and 24 stand rejected under 35 U.S.C. § 102(a) as being anticipated by Applicant's Admitted Prior Art ("AAPA"). Applicant cancels claims 17 and 24, and amends claims 1, 5, 7, and 10 in a good faith effort to clarify the invention. Applicant respectfully traverses the rejection of these claims.

Applicant respectfully submits that AAPA, as cited and relied upon by the Examiner, does not disclose checking whether frame-data length information (TFIs) of all frames within a transmission time interval (TTI) agree or not on a per-channel basis, and deciding, if even one TFI differs, that the largest number of items of frame-data length information (TFI) that are the same among the items of frame-data length information in a plurality of frames within a transmission time interval (TTI) is frame-data length information common to all of said plurality of frames within the transmission time interval. In other words, AAPA, as cited and relied upon by the Examiner, fails to disclose,

“[a] receiving apparatus in a communication system for encoding transmit data of a plurality of channels at respective ones of transmission time intervals (TTIs), partitioning the encoded data of each channel at a frame period to obtain frame data of prescribed bit lengths, transmitting and multiplexing the frame data of each channel, and transmitting, frame by frame, identification information (TFCI) that specifies frame-data length information

(TFI) of the frame data on each channel, said apparatus comprising:

- a storage unit for storing multiplexed data that has been received;

- a discrimination unit for discriminating, frame by frame, frame-data length information (TFI) on each channel based upon the identification information (TFCI) that has been received;

- a decision unit for checking whether the frame-data length information (TFIs) of all frames within the transmission time interval (TTI) agree or not on a per-channel basis, and for deciding, if even one TFI differs, that the largest number of items of frame-data length information (TFI) that are the same among the items of frame-data length information in a plurality of frames within a transmission time interval (TTI) is frame-data length information common to all of said plurality of frames within the transmission time interval;

- a demultiplexer for identifying bit length per frame of each channel based upon the frame-data length information (TFI) that has been decided, and demultiplexing multiplexed data, which has been stored in the storage unit, channel by channel on the basis of the bit length; and

- a decoder for joining and decoding, in an amount equivalent to the transmission time interval, frame data that has been demultiplexed on a per-channel basis," as recited in claim 1. (Emphasis added)

Accordingly, Applicant respectfully submits that claim 1 is patentable over AAPA for at least the above-stated reasons. Claims 5, 7, and 10 incorporate features that correspond to those of claim 1 cited above, and are, therefore, patentable over AAPA for at least the same reasons.

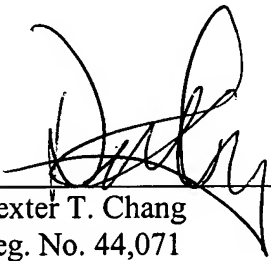
The above statements on the disclosure in the cited reference represent the present opinions of the undersigned attorney. The Examiner is respectfully requested to specifically indicate those portions of the reference that provide the basis for a view contrary to any of the above-stated opinions.

Applicant appreciates the Examiner's implicit finding that the additional references made of record, but not applied, do not render the claims of the present application unpatentable, whether these references are considered alone or in combination with others.

In view of the remarks set forth above, this application is in condition for allowance which action is respectfully requested. However, if for any reason the Examiner should consider this application not to be in condition for allowance, the Examiner is respectfully requested to telephone the undersigned attorney at the number listed below prior to issuing a further Action.

Any fee due with this paper may be charged to Deposit Account No. 50-1290.

Respectfully submitted,

  
Dexter T. Chang  
Reg. No. 44,071

CUSTOMER NUMBER 026304

Telephone: (212) 940-6384

Fax: (212) 940-8986 or 8987

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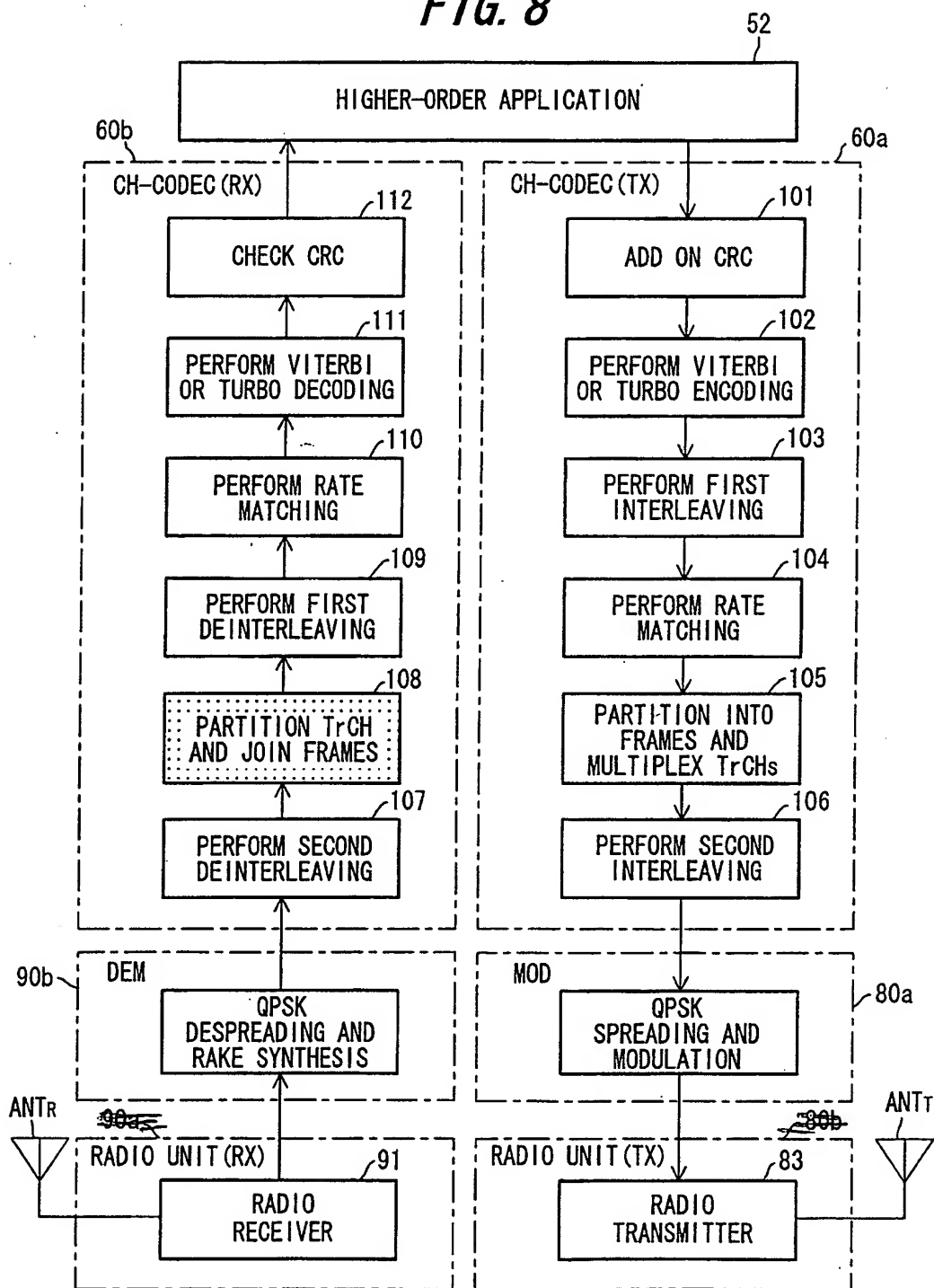
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# Annotated Sheet

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FIG. 8



# Annotated Sheet

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**FIG. 9**

